

## ABSTRACT OF THE DISCLOSURE

Black edge identification may be accurately performed using hue information or its equivalent in addition to the brightness information and saturation information used in the conventional method. The device that identifies black edges obtains the brightness information, saturation information and hue information regarding the edges to determine, based on the brightness information and the saturation information, whether or not the edges are black edges, and to determine, based on the hue information, whether or not the edges are pseudo-black edges. Where the edges are identified as black edges and not as pseudo-black edges, it is determined that the edges are black edges.